Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled)

Claim 2 (previously presented): The gel electrolyte secondary cell according to claim 12 wherein the gel electrolyte comprises a non-aqueous liquid electrolyte containing a non-aqueous solvent and an electrolyte salt and the high-molecular weight material having a nitrile group in its side chain.

Claim 3 (previously presented): The gel electrolyte secondary cell according to claim 12 wherein the high-molecular weight material having a nitrile group in its side chain is polyacrylonitrile.

Claim 4 (previously presented): The gel electrolyte secondary cell according to claim 12 wherein the high-molecular weight material having a nitrile group in its side chain is polyacrylonitrile and wherein the molar ratio of the acrylonitrile monomer to the non-aqueous solvent is 5:95 to 30:70.

Claim 5 (canceled)

Claim 6 (previously presented): The gel electrolyte secondary cell according to claim 12 wherein the non-aqueous solvent of the non-aqueous liquid electrolyte contains at least one selected from the group of γ-butyrolactone, methyl ethyl carbonate and dimethyl carbonate in addition to propylene carbonate and ethylene carbonate.

Claim 7 (previously presented): The gel electrolyte secondary cell according to claim 2 wherein the electrolyte salt of the non-aqueous solvent is $LiPF_6$ and wherein the concentration of this $LiPF_6$ with respect to non-aqueous solvent is 0.4 to 2 mol/cm3.

Claim 8 (previously presented): The gel electrolyte secondary cell according to claim 12 wherein the positive electrode contains a lithium-containing compound.

Claim 9 (original): The gel electrolyte secondary cell according to claim 8 wherein the lithium-containing compound is a complex compound of lithium and a transition metal.

Claims 10-11 (canceled)

Claim 12 (currently amended): A gel electrolyte secondary cell comprising:

a positive electrode;

a negative electrode comprising a current collector and a powder mixture including a graphitized carbonaceous material obtained from a plurality of meso-carbon micro-beads and a binder, wherein the powder mixture is coated on the current collector at a thickness ranging from 10 μm to 200 μm; and

a gel electrolyte comprising an electrolyte salt, a non-aqueous solvent and a high-molecular weight material having a number average molecular weight ranging from 5000 to 500000 wherein the non-aqueous solvent at least includes propylene carbonate in an amount ranging from ~~10~~35 mol% to 75 mol% and ethylene carbonate.

Claim 13 (new): The gel electrolyte secondary cell of claim 12, wherein the graphitized carbonaceous material has a specific surface area that is 10 m^2/g or less.

Claim 14 (new): The gel electrolyte secondary cell of claim 12, wherein the graphitized carbonaceous material has a specific surface area that ranges from 0.1 m^2/g to 5.0 m^2/g.